



U.S. Army Corps  
of Engineers  
Baltimore District  
PN 08-37

# Public Notice

In Reply to Application Number  
NAB-2008-01527-M22 (BA DEPRM/TABASCO COVE/DREDGING)

Comment Period: June 30, 2008 to July 30, 2008

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**THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC ABOUT THE WORK DESCRIBED BELOW. AT THIS TIME, NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED.**

The Baltimore District has received an application for a Department of the Army permit pursuant to the Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C 1344), as described below:

**APPLICANT:** Baltimore County

Department of Environmental Protection and Resource Management  
401 Bosley Avenue, Suite 416  
Towson, Maryland 21204-4488

**LOCATION:** In the main channel, east fork and west fork of Tabasco Cove, upper reaches of Bear Creek in Southeastern Baltimore County, Maryland.

**WORK:** To maintenance dredge by hydraulic or mechanical method a 590-foot by 40-foot (approximately 23,600 square feet) main channel segment (A) to -4.5 feet mean low water (MLW), a 1,060-foot by 50-foot (approximately 53,000 square feet) main channel segment (B) to -4.5 feet MLW, and a 415-foot by a varied width of 25 to 50-foot main channel segment (C) (approximately 16,526 square feet) to -3.5 feet MLW. The total length of the main channels is 2,065 linear feet (93,126 square feet), resulting in approximately 3,034 cubic yards of silt and clay. In addition, 10 private spur channels are proposed (maintenance and new dredging), totaling approximately 12,950 square feet to varied depths of -3.0 to -4.0 feet MLW, resulting in approximately 788 cubic yards of silt and clay (see Summary Table). The total area proposed to be dredged for this project is 106,076 square feet, resulting in a total of approximately 3,822 cubic yards of material to be deposited at an existing upland (non-wetland) disposal facility at the Hart Miller Island Dredged Material Placement (DMP) Site. Additionally, ten-year maintenance dredging is requested.

The existing waterway depths range from approximately -0.9 feet MLW in the headwaters of the channel segment A (west fork) of Tabasco Cove to approximately -4.6 feet MLW where segment A meets Bear Creek, approximately -4.9 feet MLW where channel segment B (east fork) meets Bear Creek to approximately -2.9 feet MLW toward the headwaters where segment B connects with Segment C, to approximately -1.7 feet MLW in the headwaters of Segment C of Tabasco Cove. The proposed work will impact an approximate 2.4-acre area.

Summary Table of Proposed Spurs				
	Applicant	Square Feet	Depth	Cubic Yards
1	Sherwood Ramsey	606	-3.0	35
2	Melissa Hughes	782	-3.0	46
3	Robert Chalk	435	-3.0	24
4	Clyde Miller	450	-3.0	37
5	Richard Jerome	1,740	-4.0	90
6	Bernard Liberman	1,990	-4.0	150
7	Anthony Cottone / Edward Wazlavek	2,721	-4.0	141
8	Robert and Rose Long	1,274	-3.0	71
9	Donald Browning	772	-3.0	55
10	Thomas Moxey	2,180	-3.0	139
	<b>Totals:</b>	<b>12,950</b>		<b>788</b>

A permit to dredge the main channels was previously issued in December of 1989, project number CENAB-OP-RW (Balto. Co. DEPRM/Tabasco Cove/Bear Creek)89-0948-6. The authorized work included to mechanically or hydraulically dredge a 590-foot by 40-foot main channel segment (A) to a depth of -4.0 feet MLW plus one foot overdredge, a 1,435 foot by 50-foot main channel segment (B) to a depth of -4.0 feet MLW plus one foot overdredge, and a 450-foot by 25-foot main channel segment (C) to a depth of -3.0 feet MLW plus one foot overdredge. In addition, 12 private spur channels in this location were authorized to be dredged to varied depths of between -3.0 to -4.0 feet MLW.

### **EFH ASSESSMENT**

The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH). After reviewing the appropriate literature, these mixing water/brackish (0.5% < salinity < 25.0%) salinity zone waterways have EFH listed for the *Scophthalmus aquosus* (windowpane flounder) juvenile and adult; *Pomatomus saltatrix* (blue fish) juvenile and adult; *Peprilus triacanthos* (Atlantic butterfly) eggs, larvae, juvenile, and adult; *Paralichthys dentatus* (summer flounder) larvae, juvenile, and adult; *Centropristus striata* (black sea bass) juvenile and adult, and the eggs, larvae, juvenile, and adult stages of *Sciaenops ocellatus* (red drum), *Scomberomorus cavalla* (king mackerel), *Scomberomorus maculatus* (spanish mackerel), and *Rachycentron canadum* (cobia), managed species under the MSFCMA.

The project area is a Habitat Area of Particular Concern (HAPC). The Baltimore District has determined that the adverse effects of this project would be more than minimal, although not substantial, and an abbreviated consultation will be conducted with National Marine Fisheries Service. No mitigative measures are recommended to minimize adverse effects on EFH at this time. This determination may be modified if additional information indicates otherwise and would change the preliminary determination.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general

environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, water supply and conservation, water quality, energy needs, safety, food and fiber production, and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or and Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the Maryland Department of the Environment. Any written comments concerning the work described above which relate to water quality certification must be received by the Standards and Certification Division Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, P.O. Box 1715, Baltimore Maryland 21203-1715, within the comment period as specified above to receive consideration. The 401 certifying agency has a statutory limit of one year to make its decision.

The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Program. This certification statement is available for inspection in the District Office; however, public comments relating to consistency must be received by the Coastal Zone Division, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above. It should be noted that CZ Division has a statutory limit of 6 months in which to make its consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

Review of the latest published version of the National Register of Historic Places indicated that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act. Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, US Army Corps of Engineers, Baltimore District, P.O. Box 1715, Baltimore Maryland, 21203-1714, within the comment

period as specified as above to receive consideration. Also, it must clearly state forth the interest which may be adversely affected by this activity in the manner in which the interest may be adversely affected.

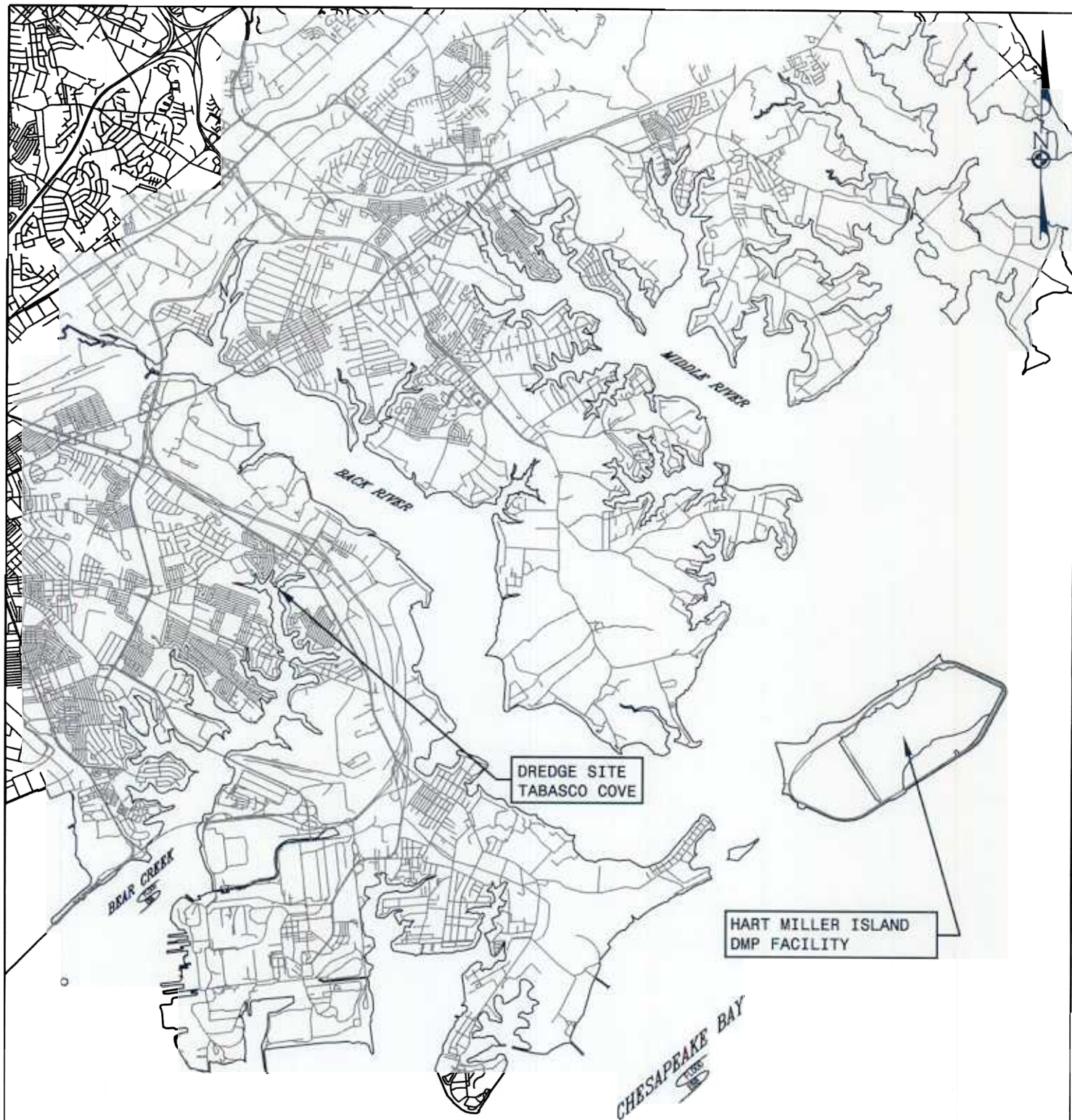
It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

A handwritten signature in black ink, appearing to read "Joseph P. Davia".

JOSEPH P. DAVIA  
Chief, Maryland Section Northern





0 12000 24000 48000

1 Inch = 24000 Feet

# PROPOSED MAINTENANCE DREDGING TABASCO COVE

BALTIMORE COUNTY, MD

APPL. BY: BALTIMORE COUNTY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AND RESOURCE MANAGEMENT (DEPRM)

MARCH 2008

SHEET 1 OF 15



*"Integrating Engineering and Environment"*  
1321 Mercedes Drive, Suite C Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax (410) 694-9405

TABASCO COVE  
MAINTENANCE DREDGING  
VICINITY MAP



# MAIN CHANNEL

STATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)
STATION 0	0	100	4.0
STATION 1	1,000	100	4.0
STATION 2	2,000	100	4.0
STATION 3	3,000	100	4.0
STATION 4	4,000	100	4.0
STATION 5	5,000	100	4.0
STATION 6	6,000	100	4.0
STATION 7	7,000	100	4.0
STATION 8	8,000	100	4.0
STATION 9	9,000	100	4.0
STATION 10	10,000	100	4.0
STATION 11	11,000	100	4.0
STATION 12	12,000	100	4.0
STATION 13	13,000	100	4.0
STATION 14	14,000	100	4.0
STATION 15	15,000	100	4.0
STATION 16	16,000	100	4.0
STATION 17	17,000	100	4.0
STATION 18	18,000	100	4.0
STATION 19	19,000	100	4.0
STATION 20	20,000	100	4.0
STATION 21	21,000	100	4.0
STATION 22	22,000	100	4.0
STATION 23	23,000	100	4.0
STATION 24	24,000	100	4.0
STATION 25	25,000	100	4.0
STATION 26	26,000	100	4.0
STATION 27	27,000	100	4.0
STATION 28	28,000	100	4.0
STATION 29	29,000	100	4.0
STATION 30	30,000	100	4.0
STATION 31	31,000	100	4.0
STATION 32	32,000	100	4.0
STATION 33	33,000	100	4.0
STATION 34	34,000	100	4.0
STATION 35	35,000	100	4.0
STATION 36	36,000	100	4.0
STATION 37	37,000	100	4.0
STATION 38	38,000	100	4.0
STATION 39	39,000	100	4.0
STATION 40	40,000	100	4.0
STATION 41	41,000	100	4.0
STATION 42	42,000	100	4.0
STATION 43	43,000	100	4.0
STATION 44	44,000	100	4.0
STATION 45	45,000	100	4.0
STATION 46	46,000	100	4.0
STATION 47	47,000	100	4.0
STATION 48	48,000	100	4.0
STATION 49	49,000	100	4.0
STATION 50	50,000	100	4.0
STATION 51	51,000	100	4.0
STATION 52	52,000	100	4.0
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STATION 55	55,000	100	4.0
STATION 56	56,000	100	4.0
STATION 57	57,000	100	4.0
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STATION 62	62,000	100	4.0
STATION 63	63,000	100	4.0
STATION 64	64,000	100	4.0
STATION 65	65,000	100	4.0
STATION 66	66,000	100	4.0
STATION 67	67,000	100	4.0
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STATION 93	93,000	100	4.0
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STATION 95	95,000	100	4.0
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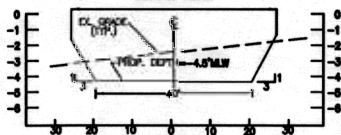
# SPUR CHANNELS

NAME	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)
SPUR CHANNEL 1	1,000	100	4.0
SPUR CHANNEL 2	1,000	100	4.0
SPUR CHANNEL 3	1,000	100	4.0
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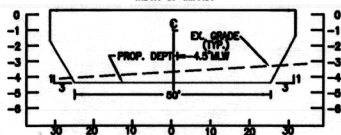
# TOTAL MAIN CHANNEL & SPURS

TOTAL MAIN CHANNEL AREA OF IMPACT TO 2007 BAY	4,721 SF = 0.11 AC
TOTAL SPUR CHANNEL AREA OF IMPACT TO 2007 BAY	4,721 SF = 0.11 AC
TOTAL MAIN CHANNEL & SPURS	9,442 SF = 0.22 AC
TOTAL AREA OF IMPACT OF DREDGING	100,000 SF = 2.3 AC
TOTAL AREA OF IMPACT MAIN CHANNEL AND SPURS TO BAY	11,561 SF = 0.27 AC

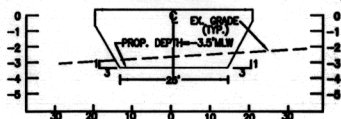
# CHANNEL SEGMENT A WIDTH OF IMPACT



# CHANNEL SEGMENT B WIDTH OF IMPACT



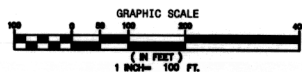
# CHANNEL SEGMENT C WIDTH OF IMPACT



SAV LEGEND	MAP LEGEND
COMPOSITE SAV BED FROM 2006 & 2007 SPRING & SUMMER SAV SURVEY	PREVIOUSLY PERMITTED COUNTY CHANNEL
SPRING SURVEY DATE: MAY 19, 2006	PROPOSED COUNTY CHANNEL
DENSITY VERY SPARSE 0-10%	PROPOSED SPUR CHANNEL
SP DUMMIELLEA PALATIS	PROPOSED CHANNEL DEPTH
SP DUMMIELLEA PALATIS	SPUR NUMBER
SUMMER SURVEY DATE: JULY 24, 2006	X-26 SOUNDINGS BY MD DNR
NO SAV OBSERVED	-26 SOUNDINGS BY DC DEP
SPRING SURVEY DATE: MAY 24, 2007	PROPOSED PIER (W/IN IS BENEATH)
DENSITY RANGED FROM VERY SPARSE 0-10% TO MODERATE 40-70%	
SP DUMMIELLEA PALATIS	
SUMMER SURVEY DATE: AUGUST 7, 2007	
NO SAV OBSERVED	

# NOTES:

1. BASEMAP COMPILED FROM 1995 BALTIMORE COUNTY PLANIMETRICS.
2. TIDAL RANGE IS 1.2 FEET.
3. SOUNDING DATA PROVIDED BY MARYLAND DNR SURVEY DATED JUNE 14, 15 2006.
4. SOUNDINGS ARE IN FEET AND REFER TO MLLW.
5. THIS IS A COMPREHENSIVE PROJECT PLAN AND MAY BE MODIFIED DURING THE PERMITTING PROCESS.

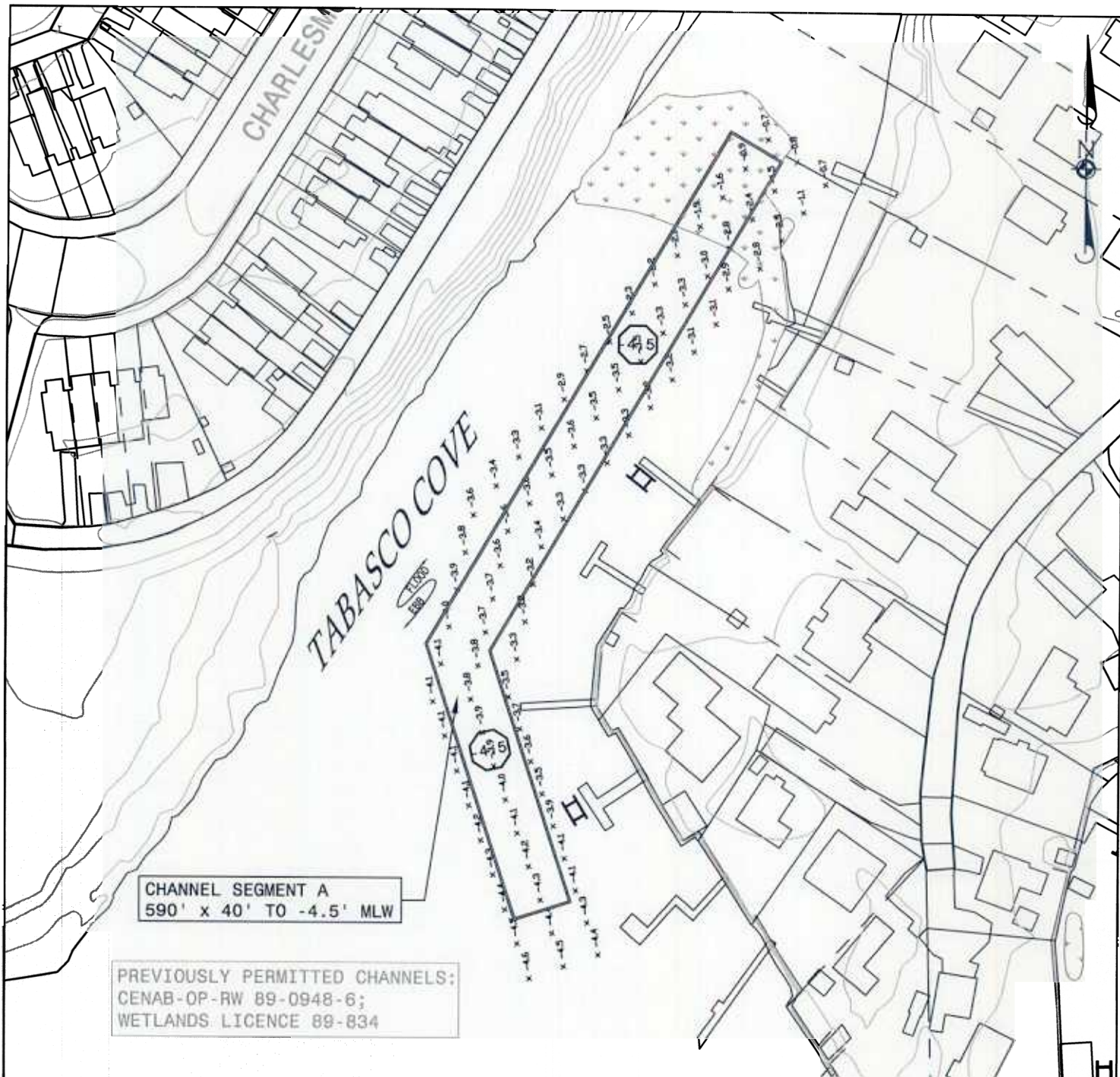


**BayLand**  
Consultants & Designers, Inc.  
Integrating Engineering and Environment  
1321 Mercedes Drive, Suite C Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405

# TABASCO COVE - MAINTENANCE DREDGING COMPREHENSIVE PROJECT PLAN

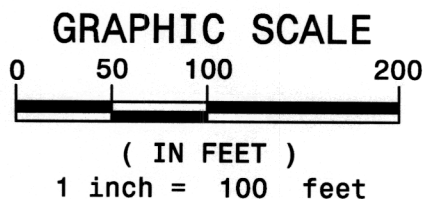
MARCH 2008





CHANNEL SEGMENT A  
590' x 40' TO -4.5' MLW

PREVIOUSLY PERMITTED CHANNELS:  
CENAB-OP-RW 89-0948-6;  
WETLANDS LICENCE 89-834



SAV LEGEND	
	COMPOSITE SAV BED FROM 2006 & 2007 SPRING & SUMMER SAV SURVEYS
	2006 SPRING SURVEY DATE: MAY 19, 2006
	DENSITY VERY SPARSE 0-10% Zp ZANNICHELLIA PALUSTRIS Ms MYRIOPHYLLUM SPICATUM SUMMER SURVEY DATE: JULY 24, 2006 NO SAV OBSERVED
	2007 SPRING SURVEY DATE: MAY 24, 2007
	DENSITY RANGED FROM VERY SPARSE 0-10% TO MODERATE 40-70% Zp ZANNICHELLIA PALUSTRIS SUMMER SURVEY DATE: AUGUST 7, 2007 NO SAV OBSERVED

MAP LEGEND	
	PREVIOUSLY PERMITTED COUNTY CHANNEL
	PROPOSED COUNTY CHANNEL
	PROPOSED CHANNEL DEPTH
	-3.6 SOUNDINGS BY MD DNR
	-3.6 SOUNDINGS BY BC DEPRM
	PROPOSED PIER (APPLIED FOR SEPARATELY)

## PROPOSED MAINTENANCE DREDGING TABASCO COVE

BALTIMORE COUNTY, MD

APPL. BY: BALTIMORE COUNTY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AND RESOURCE MANAGEMENT (DEPRM)

MARCH 2008

SHEET 2 OF 15

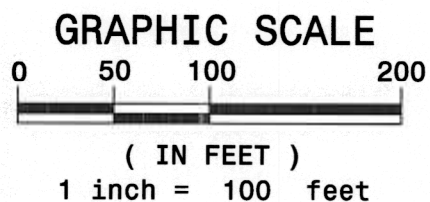
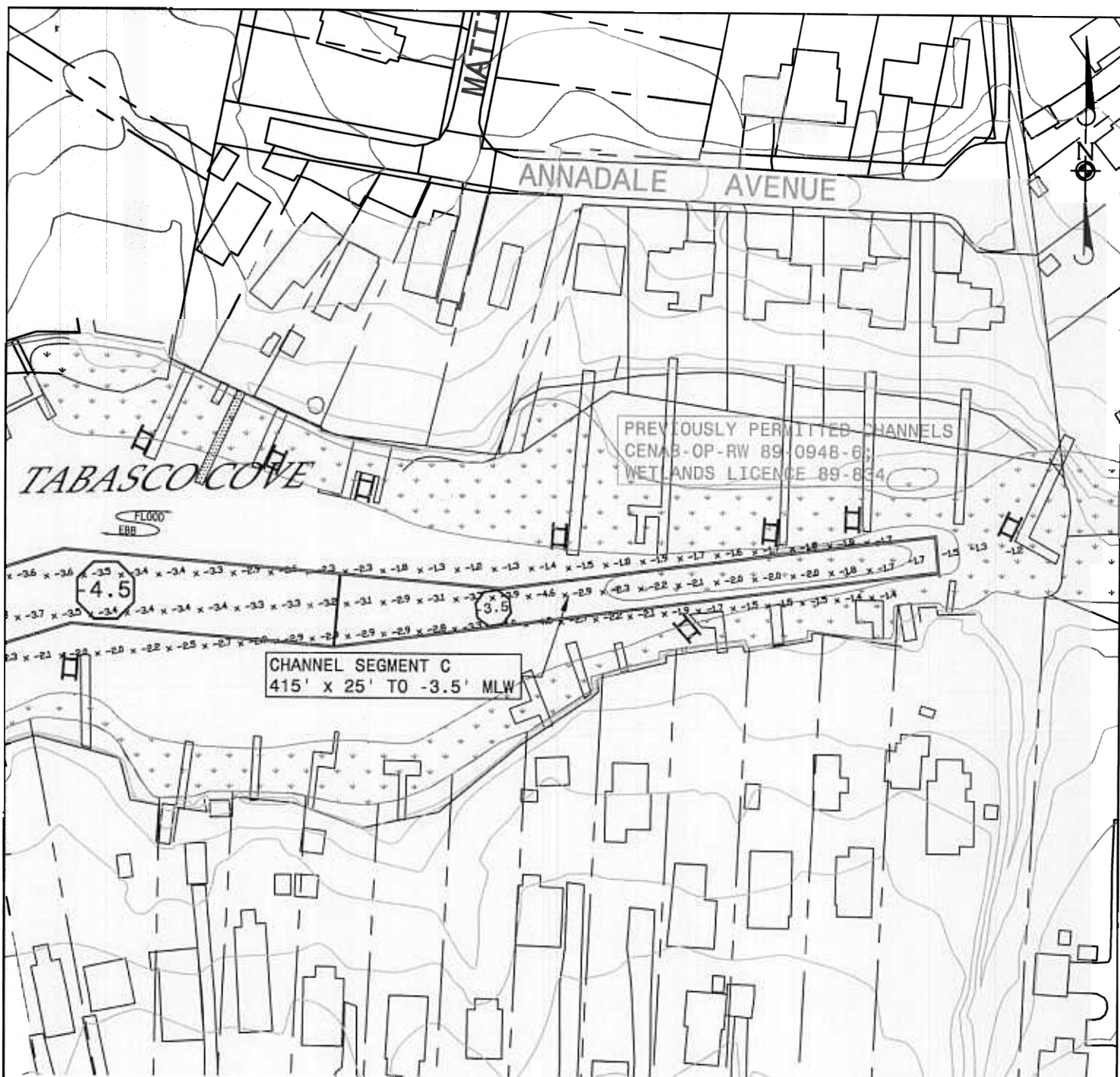
**Bay** and  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

1321 Mercedes Drive, Suite C Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax (410) 694-9405

TABASCO COVE  
MAIN CHANNEL PLAN



TABASCO COVE  
MAIN CHANNEL PLAN



SAV LEGEND	
	COMPOSITE SAV BED FROM 2006 & 2007 SPRING & SUMMER SAV SURVEYS
	2006 SPRING SURVEY DATE: MAY 19, 2006 DENSITY VERY SPARSE 0-10% Zp ZANNICHELLIA PALUSTRIS Ns MYRIOPHYLLUM SPICATUM SUMMER SURVEY DATE: JULY 24, 2006 NO SAV OBSERVED
	2007 SPRING SURVEY DATE: MAY 24, 2007 DENSITY RANGED FROM VERY SPARSE 0-10% TO MODERATE 40-70% Zp ZANNICHELLIA PALUSTRIS SUMMER SURVEY DATE: AUGUST 7, 2007 NO SAV OBSERVED

MAP LEGEND	
	PREVIOUSLY PERMITTED COUNTY CHANNEL
	PROPOSED COUNTY CHANNEL
	PROPOSED CHANNEL DEPTH
	X-3.6 SOUNDINGS BY MD DNR
	-3.6 SOUNDINGS BY BC DEPRM
	PROPOSED PIER (WPLIB FOR SEAWALL)

**PROPOSED MAINTENANCE DREDGING  
TABASCO COVE**  
BALTIMORE COUNTY, MD  
APPL. BY: BALTIMORE COUNTY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AND RESOURCE MANAGEMENT (DEPRM)  
MARCH 2008 SHEET 4 OF 15

**Bay and  
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*"Integrating Engineering and Environment"*  
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**TABASCO COVE  
MAIN CHANNEL PLAN**



## MAIN CHANNEL

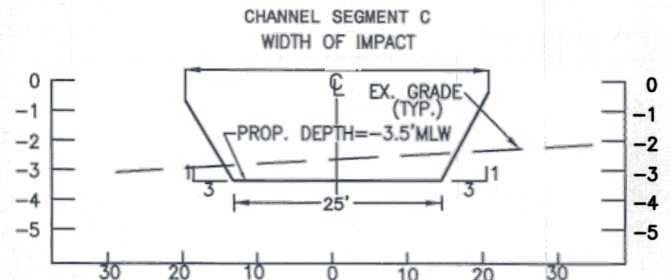
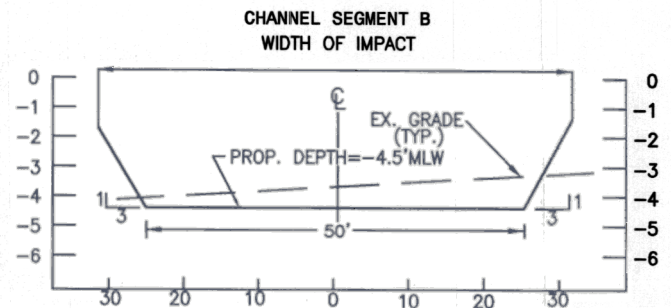
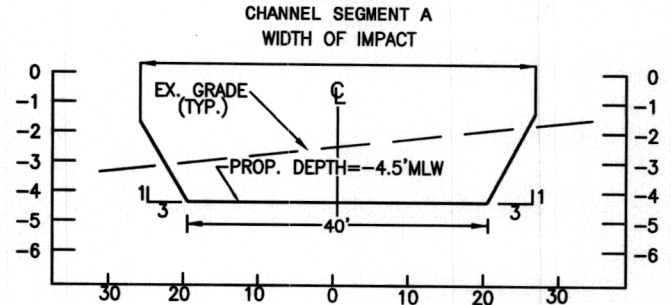
SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (MLW)
SEGMENT A	590	40	-4.5'
SEGMENT B	1,060	50	-4.5'
SEGMENT C	415	VARIES 25' TO 50'	-3.5'
TOTAL MAIN CHANNEL VOLUME			3,034 CY
TOTAL MAIN CHANNEL LENGTH			2,065 LF
TOTAL MAIN CHANNEL AREA OF DREDGING			93,126 SF = 2.2 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2007 SAV			6,822 SF = 0.16 AC

## SPUR CHANNELS

NAME	SPUR NUMBER	NET AREA (SF)	NET VOLUME (CY)
SHERWOOD RAMSEY	1	606	35
MELISSA HUGHES	2	782	46
ROBERT CHALK	3	435	24
CLYDE MILLER	4	450	37
RICHARD JEROME	5	1,740	90
BERNARD LIBERMAN	6	1,990	150
ANTHONY COTTONE / ED WAZLAVEK	7	2,721	141
ROBERT AND ROSE LONG	8	1,274	71
DONALD BROWNING	9	772	55
THOMAS MOXEY	10	2,180	139
TOTAL		12,950	788
TOTAL SPUR CHANNEL AREA OF IMPACT TO 2006/2007 SAV		4,731 SF = 0.11 AC	

## TOTAL MAIN CHANNEL & SPURS

TOTAL MAIN CHANNEL AND SPURS VOLUME	3,822 CY
TOTAL AREA OF IMPACT OF DREDGING	106,076 SF = 2.4 AC
TOTAL AREA OF IMPACT MAIN CHANNEL AND SPURS TO SAV	11,551 SF = 0.27 AC



### NOTES:

1. BASEMAP COMPILED FROM 1995 BALTIMORE COUNTY PLANIMETRICS.
2. TIDAL RANGE IS 1.2 FEET.
3. SOUNDING DATA PROVIDED BY MARYLAND DNR SURVEY DATED JUNE 14, 15 2006.
4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
5. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPERATELY.
6. THIS APPLICATION IS FOR DREDGING ONLY. PROPOSED PIERS AND PILINGS WILL BE PERMITTED SEPERATELY.

## PROPOSED MAINTENANCE DREDGING

### TABASCO COVE

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CHANNEL PLAN